/16-17

ಪೂರ್ಣ 5072ನೇ ಪುಟ. ಮೊದಲ
04.16 ರಿಂದ ಬಿಲ್ಲಿಸಿದೆ.

65801 ರಿಂದ 265900
ಪುಸ್ತಕವಿದೆ.

Executive Engineer 2/4/16
Narayanapura Division
Dahanka Zone, B.B.M.P.
Bangalore-560092

2/4

SBR-10-80/16-17
22-7-16

M. A. R. 57 (Rule 116)
Measurement Book

BR-287/25-7-16

No. B 265801

Serial No. 1st & final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency KREDL - Technical Manager

Date of commencement of work D.O. Recording : 18-07-2016

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work. Developmental works for providing drinking water facility in Ichampunagar Ward in Ward No.11 (Ichampunagar), Vidyaranyapura Sub-Division.						
	Estimated cost Rs: 25.00 Lakhs						
	I.D. no - 011-16-000027						
	Work order no - EE/BYP/BBMP/KREDL/WO/285/2015-16						
	Date of Commencement - 12-03-2016					dt. 11-03-2016	
	Date of Completion - 30-06-2016						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Geophysical investigations of site for siting Bore well for supplying drinking water to the habitations either through the hand pump, MWS or PWSS by vertical electrical sounding by adopting Wenner or Schlumberger's method, including reconnaissance survey of geological formations, Geophysical investigations of existing ground water in the vicinity, its quality and acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formations including an extra depth of 10 mts in consolidated formations for proper sealing of casing pipe. depth of drilling required to cover full depth						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	of aquifer propose information require accessories to work required etc as pe is-charges of work. (a) Randudroppa Nav Water Tank - (b) Varadrajaya Nagar N Ayyappa Temple (c) Bandlapalli

OK

Depth 6	Contents 7	Reference to last Measurement 8
·Bore well for thro through echnical Soundy d, including ts, Geophysical ay, its g the location required to udy an Existing proper ready er full depth		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265802

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site. Engaging technical personnel and labours required etc as per specifications and directions of Engineer-in-charge of work.						
	(a) Randhudrapura Near Water Tank - Bhy	1 nos	-	-	-	1 nos	
	(b) Varadrajapura Near Ayyappa Temple - Bhy	1 nos	-	-	-	1 nos	
	(c) Bandikyatha - Bhy	1 nos	-	-	-	1 nos	R. 564 b.w
						@ 1882/-	3000/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(2)	Sinking of Borewell of 165mm dia clear using Super fast hydraulic Rig of Capacity 250 PSIG and above City and above in all strata including overburden upto 20mts fixing of casing pipes, collars, caps with necessary cutting-threading and welding including transportation of Rig and supporting vehicles, Crew charges and costing consumables etc complete including yield testing at the final depth with a minimum working of Compressor after one hour (Excluding costing casing pipes collars and caps etc) with all leads and lift, loading unloading of labour charges etc complete and as per the direction of Engineer-in-charge of Works.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	0.00 to 50.00mts
(3)	50.00 to 100.00mts
(4)	100.00 to 150.00mts
(5)	150.00 to 200.00mts
(6)	200.00 to 250.00mts
(7)	250.00 to 300.00mts
(8)	Supply of PSI made

Contents	Reference to last Measurement
7	8
Supply C&y ...pe 20mb ...ulky - ...d supply Complete ...inimum ...g Cast ...ody ...ute	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
265803

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	0.00 to 50.00 mb	Qty inside this MB p. 265872 ①					
		=	150.00 mt @	315.18/mt.			47297.00
(3)	50.00 to 100.00 mb	=	150.00 mt @	412.00/mt			61800.00
(4)	100.00 to 150.00 mb	=	150.00 mt @	458.35/mt			68752.50
(5)	150.00 to 200.00 mt	=	150.00 mt @	484.10/mb			72615.00
(6)	200.00 to 250.00 mb	=	150.00 mt @	560.32/mt			84048.00
(7)	250.00 to 300.00 mb	=	150.00 mt @	600.49/mt			90073.50
(8)	Supply of ISI made 175mm nominal bore medium blady						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	From casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material conforming to IS 1387/1993 and manufactured from hot Rolled steel sheet/ strips in Random lengths of 4 to 6 mtrs both ends threaded conforming to IS 554/1985, one end fitted with a socket and the other end with a plastic protection end with all lead and lift, loading, unloading and labour charges etc complete as per specifications and directions of Engineer-in-charge of work.						
	BH1	1	71.00	-	-	71.00	
	BH2	1	69.00	-	-	69.00	
	BH3	1	71.00	-	-	71.00	
						211.00 mtr	278250.00
		@ 1325/mtr				Total 210.00 mtr	

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ಪಂಚಾಯತ್‌ರಾಜ್ ಉಪವಿಭಾಗ

M

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
9)	Providing 250 mm dia and directions of Engineer	Pr
10)	Providing and fixing 175 mm H/s with all lead and lift etc complete as per the work.	

th	Contents 7	Reference to last Measurement 8
	...ng sides ... pres. ra-	
...		33000.00
... dations inside ... 50mm ... ghing and ... every lower ... llowing ... loudy		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265815

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	unloading and labour charges etc. complete and as per the directions of the Engineer-in-Charge of the work.						
		Obj. side		this w.f. p.		265873	
				Total.	=	805.50 m²	151434.00
						@188/m²	
32)	Providing and installation at site of Pipes including cost of pipes and	Works		pre specials and		including	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	lowering pipes in trenches, laying true to line, level and perfect jointing at joints, leak proof including jointing enclosing the pipe around to a depth not less than 15cms with grave or selected earth available from the excavation with all lead and lift, including multiple and labour charges etc complete and as per the directions of the Engineer-in-charge of the works 75 mm dia 6 kgf/sq.cm.						
	(a) Manifold layout	1	30.00	-	-	30.00	
		1	15.00	-	-	15.00	

Executive Engineer
Byatarayanapura

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(b) Manifold layout to M.S. poly. Road
	(c) Convey-layout
	(d) Naidu layout
	(e) Varadaraj dhanaraj Backside
	(f) Varadaraj. Nayak 2nd CR - R/s 2nd CR -

Executive Engineer
Byatarayanapura
Yelahanka

OK

Depth 6	Contents 7	Reference to last Measurement 8
Lne, level of		
ud of ground		
not less than		
available from		
Ivcdg. in brick		
ar per the		
of the works		
-	30.00	
-	15.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265816

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(b) Sriniddi layout to M.S. palya Road	8 x 1	30.00	-	-	240.00	
		1 x 1	8.00	-	-	8.00	
	(c) Covay-layout	3 x 1	30.00	-	-	90.00	
	(d) Naidu layout	6 x 1	30.00	-	-	180.00	
		1 x 1	12.00	-	-	12.00	
	(e) Varadaraj dewary Backside	6 x 1	30.00	-	-	180.00	
	(f) Varadaraj Nayar. 1st CR. R/S	3 x 1	30.00	-	-	90.00	
	2nd CR -	2 x 1	30.00	-	-	60.00	
		1 x 1	25.00	-	-	25.00	
						930.00 Mt	

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd CRoss	2×1	30.00	–	–	60.00	
		1×1	20.00	–	–	20.00	
	(a) Ayappa Swamy Temple Road	8×1	30.00	–	–	240.00	
		1×1	29.00	–	–	29.00	
	(b) parallel Road	3×1	30.00	–	–	90.00	
		1×1	12.00	–	–	12.00	
	(c) Varadaraj Nagar 4th 25th CR	1×2	30.00	–	–	60.00	
		1×1	10.00	–	–	10.00	
	2nd CR	2×1	30.00	–	–	60.00	
		1×1	20.00	–	–	20.00	
	R/S 8th CR	3×1	30.00	–	–	90.00	
		1×1	12.00	–	–	12.00	
	3rd CR	3×1	30.00	–	–	90.00	
						1723.00 Sft	

Checked

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	4th CR	
33)	Refilling the Bandh with selected ava including authority including dispos heavy loads with	

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		60.00	
		20.00	
		240.00	
		29.00	
		90.00	
		12.00	
		60.00	
		10.00	
		60.00	
		20.00	
		90.00	
		12.00	
		90.00	
		1723.00 Rft	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265817

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4th CR	3×1	30.00	-	-	90.00	
						1813.00 cft	
				4th ht		1790.00 cft	
						@ 15₹/M	28030.00
337	Refilly the Backmark and pipeline trenches with selected available earth for former excavation including authority. Condition in layers from the site including dispensing of the surplus earth with a heavy 200 mts within all lead and lift loading, unloading.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and labour charges etc. complete and as per the directions of the Engineer-in-charge of the work						
						Qty vide I.T.No. (31)	
						= 895.50 sq.m @ 61/sq.m	49735.00
						Ltd to : 770.00	46970.00
34)	Providing and fixing in position brass gate valve with C.I. wheel of approved quality 50mm nominal bore including costs of all materials, labour and hire of Equipments with all leads complete as per specifications with all lead and lift, loading, unloading and labour charges etc complete and as per the direct-						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	of the Engineer-in-
	a) Ambedkar Layout
	b) Naidu Layout
	c) Varadaraj Swamy Temple Road
	d) Ayya Swamy Temple
	e) Varadaraj Nagar
	f) Singapura-Gubbi

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
ad as per the ge of the work			
do. Item no. (31)			
800 SQY @ 61/-			~~4913.00~~ 4697.00
ows			
oss gate valve with			
sons nominal			
, labour and item of			
ete as per specifi-			
g, unloading and			
as per the directi			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265818

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	of the Engineer-in-charge of the work.						
	(a) Amrindi layout	3 ows	-	-	-	3 ows	
	(b) Naidu layout	4 ows	-	-	-	4 ows	
	(c) Varadaraj Swamy Temple Road	4 ows	-	-	-	4 ows	
	(d) Ayya Swamy temple	5 ows	-	-	-	5 ows	
	(e) Varadaraj. Nagar	12 ows	-	-	-	12 ows	
	(f) Somapura-Cross	5	-	-	-	5 ows	
						33 ows	8976.00

@ 2120/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total Rs	22,87,679.88
	Add 8% for RR&R - Charges						1,83015.99
	Add Bescom deposit and meter charges 1899+100+6300 = 8289.00						8289.00
	Add Bescom deposit and meter charges 1889+100+7400 = 9389.00					= 2,9389	18778.00
						Total Rs	24,97,782.87
	Certificate						
	① certified that the Contractor work done satisfactorily.						

18/02/2016

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	

Water tank

18/07.

ENT BOOK

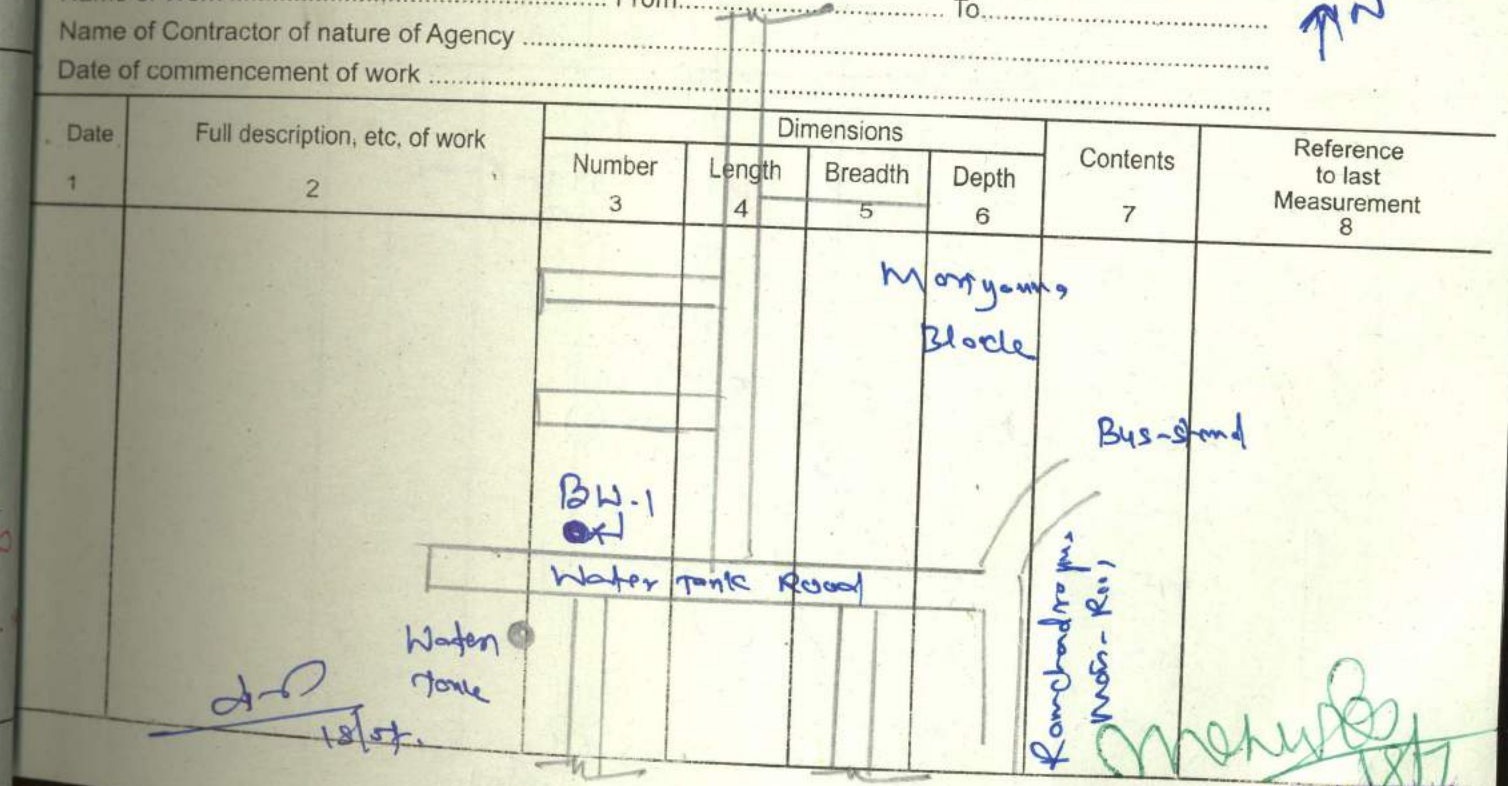
mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			Total Rs	22,87,699.88
				1,83015.99
				8289.00
				18778.00
			Total Rs	24,97,782.87
				2530659.87

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265819

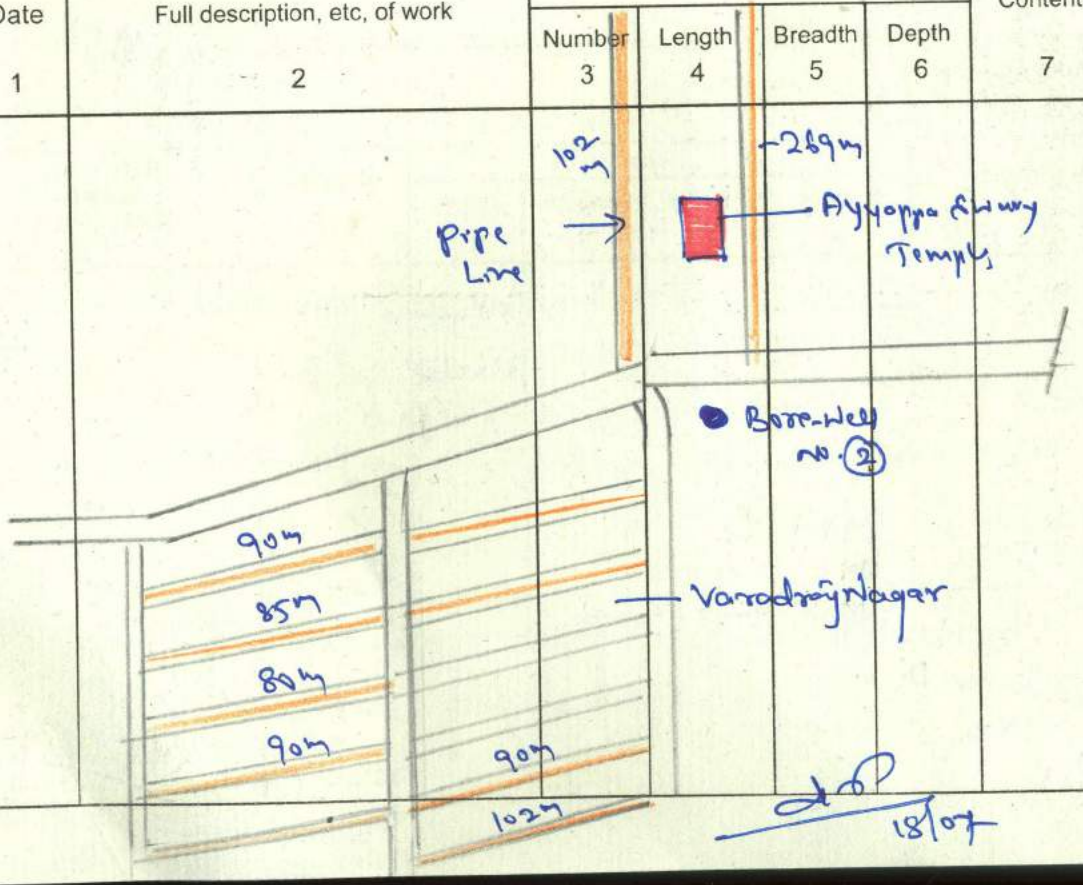
Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



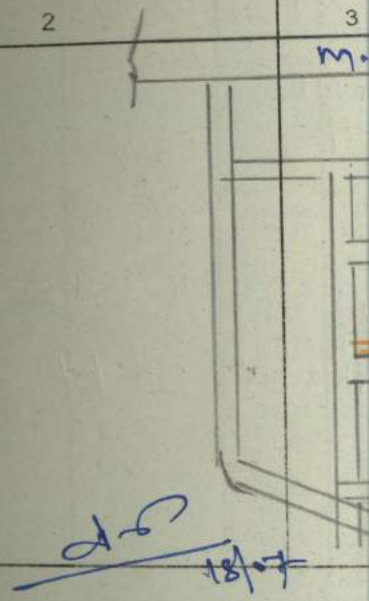
Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3



OK

Depth 6	Contents 7	Reference to last Measurement 8
Yappa Swamy Temple		
Nagar		

18/07

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265820

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	M.S. palya - Road						
	8m B.Mak Road						
	8m-D Main Road						
	45m Bore-well-no.(3)						
	8m-C, Main Road						

Srinivasa Gowda

Pipeline.

18/07

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ

B-2-997
25/7/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						IT — 50413-00	
						VAT — 100826-00	
						LOF — 25207-00	
						CSF — 2525-00	
						ESD — 16135-00	
						Forwarded — 3411709-00	

Audited & Admitted to Rs 2494390-00
2152858-00
and Rs 341109-00
Accts Super
By Veeraraghavan & Co
BBMP

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3